Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041522\
Data File : BP009902.D
Acq On : 16 Apr 2022 15:09
Operator : CG/JU
Sample : PB144146BS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS146

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/22/2022
Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 18 01:14:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 18 00:59:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.952	152	153175	20.000	ng/ul		0.00
20) Naphthalene-d8	10.763	136	700467	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.587	164	497894	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.339	188	1113467	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.422	240	1127253	20.000	ng/ul	#	0.00
88) Perylene-d12	23.886	264	1031957	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.381	96	23379	6.812	ng/uL		0.00
4) Pyridine-d5	3.793	84	334464	35.345	ng/ul		0.00
7) Phenol-d5	7.111	99	508675	37.826	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	312183	38.994	ng/ul		0.00
11) 2-Chlorophenol-d4	7.487	132	402615	39.690	ng/ul		0.00
15) 4-Methylphenol-d8	8.663	113	446550	39.778	ng/ul		0.00
21) Nitrobenzene-d5	9.116	128	215008	42.565	ng/ul		0.00
24) 2-Nitrophenol-d4	9.840	143	240366	43.403	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.381	165	448074	38.665	ng/ul		0.00
31) 4-Chloroaniline-d4	10.893	131	562271	34.066	ng/ul		0.00
46) Dimethylphthalate-d6	13.998	166	1491117	38.126	ng/ul		0.00
49) Acenaphthylene-d8	14.281	160	1695604	36.595	ng/ul		0.00
54) 4-Nitrophenol-d4	14.775	143	276559	38.991	ng/ul		0.00
60) Fluorene-d10	15.581	176	1256549	38.192	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	271323	41.133	ng/ul		0.00
73) Anthracene-d10	17.439	188	2021665	37.921	ng/ul		0.00
81) Pyrene-d10	19.669	212	2431819	39.500	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.727	264	2191052	40.771	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.417	88	45061	12.879	ng/uL	#	22
5) Pyridine	3.811	79	333955	33.824	ng/ul	#	42
6) Benzaldehyde	7.087	77	318157	38.577	ng/ul		99
8) Phenol	7.140	94	518824	38.543	ng/ul	#	93
10) Bis(2-Chloroethyl)ether	7.375	93	396006	37.768	ng/ul	#	79
12) 2-Chlorophenol	7.516	128	394870	38.611	ng/ul		93
13) 2-Methylphenol	8.393	108	403787	38.469	ng/ul		99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	575531	37.133	ng/ul	#	84
16) Acetophenone	8.775	105	657365	37.166	ng/ul	#	80
17) N-Nitroso-di-n-propyla...	8.769	70	354033	38.608	ng/ul	#	76
18) 4-Methylphenol	8.728	108	443149	38.986	ng/ul		95
19) Hexachloroethane	9.040	117	160171	37.095	ng/ul	#	80
22) Nitrobenzene	9.157	77	514771	39.703	ng/ul	#	85
23) Isophorone	9.687	82	1003849	37.573	ng/ul	#	98
25) 2-Nitrophenol	9.869	139	245628	41.586	ng/ul	#	85
26) 2,4-Dimethylphenol	9.934	107	525422	37.485	ng/ul	#	76
27) Bis(2-Chloroethoxy)met...	10.169	93	577427	36.812	ng/ul	#	98
29) 2,4-Dichlorophenol	10.404	162	436076	38.815	ng/ul	#	84
30) Naphthalene	10.810	128	1341082	37.227	ng/ul		97
32) 4-Chloroaniline	10.916	127	548620	33.589	ng/ul		97
33) Hexachlorobutadiene	11.110	225	297652	36.786	ng/ul		97
34) Caprolactam	11.693	113	156773m	42.195	ng/ul		
35) 4-Chloro-3-methylphenol	12.040	107	524658	38.540	ng/ul	#	69
36) 2-Methylnaphthalene	12.416	142	971402	36.909	ng/ul		91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	995520	37.462	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.787	216	571211	37.498	ng/ul	94
40) Hexachlorocyclopentadiene	12.775	237	344290	32.569	ng/ul	95
41) 2,4,6-Trichlorophenol	13.022	196	387715	39.855	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.093	196	429040	40.810	ng/ul	87
43) 1,1'-Biphenyl	13.422	154	1360876	37.460	ng/ul	94
44) 2-Chloronaphthalene	13.463	162	1055682	37.805	ng/ul	94
45) 2-Nitroaniline	13.663	65	366694	44.808	ng/ul#	82
47) Dimethylphthalate	14.045	163	1406743	37.371	ng/ul#	92
48) 2,6-Dinitrotoluene	14.157	165	304985	44.048	ng/ul	93
50) Acenaphthylene	14.310	152	1725944	37.745	ng/ul	95
51) 3-Nitroaniline	14.481	138	284512	39.526	ng/ul#	82
52) Acenaphthene	14.651	153	1111391	37.122	ng/ul	98
53) 2,4-Dinitrophenol	14.687	184	168368	40.229	ng/ul#	80
55) 4-Nitrophenol	14.792	109	240408	36.820	ng/ul#	54
56) Dibenzofuran	14.987	168	1648777	37.419	ng/ul	98
57) 2,4-Dinitrotoluene	14.945	165	447746	44.039	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.210	232	379565	39.598	ng/ul#	87
59) Diethylphthalate	15.410	149	1446527	37.131	ng/ul	93
61) Fluorene	15.639	166	1350917	37.222	ng/ul	89
62) 4-Chlorophenyl-phenyle...	15.628	204	708587	36.718	ng/ul	97
63) 4-Nitroaniline	15.651	138	317635	44.057	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.710	198	257351	39.250	ng/ul#	91
67) N-Nitrosodiphenylamine	15.839	169	1195203	37.498	ng/ul	94
68) 4-Bromophenyl-phenylether	16.528	248	448067	37.175	ng/ul	95
69) Hexachlorobenzene	16.645	284	518520	37.413	ng/ul#	90
70) Atrazine	16.798	200	478043	36.336	ng/ul#	89
71) Pentachlorophenol	16.986	266	347358	37.028	ng/ul#	85
72) Phenanthrene	17.381	178	2225103	37.438	ng/ul	99
74) Anthracene	17.475	178	2266832	37.618	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.393	216	608829	37.819	ng/uL#	85
76) Pentachlorobenzene	14.910	250	582975	37.153	ng/uL	88
77) Carbazole	17.739	167	2026174	37.207	ng/ul#	95
78) Di-n-butylphthalate	18.292	149	2526813	37.734	ng/ul#	93
80) Fluoranthene	19.345	202	2754204	38.866	ng/ul#	95
82) Pyrene	19.698	202	2801371	38.991	ng/ul#	92
83) Butylbenzylphthalate	20.563	149	1175241	39.874	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.333	252	887954	36.965	ng/ul#	96
85) Benzo(a)anthracene	21.404	228	2757322	38.584	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.327	149	1731153	39.048	ng/ul#	82
87) Chrysene	21.463	228	2637937	38.260	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	2932328	40.557	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	2714947	39.598	ng/ul	99
91) Benzo(k)fluoranthene	23.186	252	2557424	40.877	ng/ul#	99
93) Benzo(a)pyrene	23.780	252	2539478	39.958	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.462	276	2586252	38.915	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.486	278	2225725	38.622	ng/ul#	95
96) Benzo(g,h,i)perylene	27.257	276	2116862	38.630	ng/ul	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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